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Attorney Docket: CA920000033/2033P
PATENT

1033 U.S. PTO
09/872827
05/31/01

Transmitted herewith for filing under 35 USC 119, claiming priority of Canadian Patent Application Serial No. 2,322,603, filed October 6, 2000, is the Patent Application of:

Inventor(s): **Iqbal A. Goralwalla; Michael J. Winer; David C. Sharpe; and Matthew A. Huras**

For: **OPTIMIZING UPDATABLE SCROLLABLE CURSORS IN DATABASE SYSTEMS**

Enclosed with the Patent Application are:

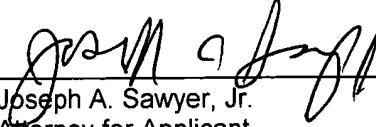
One (1) sheet of Drawings
 Declaration and Power of Attorney
 Assignment and Recordation Form
 Information Disclosure Statement (PTO Form 1449)
 A certified copy of a Canadian application, Serial No. 2,322,603
 Self Addressed, Stamped Postcard

The filing fee has been calculated as shown below:

(Col. 1)		LARGE ENTITY		
FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$ 710.00
TOTAL CLAIMS				
21 - 20 = 1				x 18 = \$ 18.00
INDEP. CLAIMS				x 80 = \$ 0.00
3 - 3 = 0				\$ 0.00
MULTIPLE DEPENDENT CLAIM PRESENTED				
*If the difference in Col. 1 is less than "0", enter "0" in Col. 2				
				TOTAL \$ 728.00

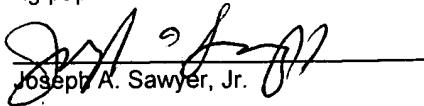
Check No. 3260 in the amount of **\$728.00** is enclosed for payment of application filing fees. The Commissioner is hereby authorized to charge any additional fees required to Deposit Account No. 02-2120. A duplicate of this sheet is attached.

Respectfully submitted,


Joseph A. Sawyer, Jr.
Attorney for Applicant
Reg. No. 30,801

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I hereby certify that the above paper/fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on May 31, 2001, and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231. "Express Mail" no.: EL744461901US. Signature of Person mailing paper/fee:


Joseph A. Sawyer, Jr.

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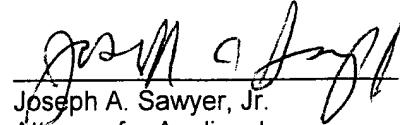
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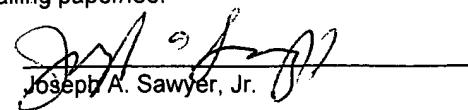
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